Bw= 4Kc

* crush internal capacitor

HMN1056D MIC:
3:ptt
4:mic
5:gnd

USB: 456.6
LSB: 453.4

PRESELECTOR: SET SCOPE TO 100mV, 2uS. 1M OHM PROBE TO TP1.
SIG GEN SET TO 181Kc @ -20DBm, TO ANTENNA INPUT VIA COAX.
PEAK L1,10 TO 181Kc. LOWER SIG GEN TO -30DBm.
PEAK L1 TO 184Kc, L10 TO 179Kc, REPEAT.

VFO: CONNECT SCOPE PROBE TO TP2, FREQ. COUNTER.
ROTATE R5 FULL CW. ADJUST R77 FOR 638 Kc.
ROTATE R5 FULL CCW. ADJUST R78 FOR 634 Kc.

BFO: CONNECT SCOPE PROBE TO TP3 AND FREQ. COUNTER. ADJUST C35 FOR LSB (453.4) OR USB (456.6).
JUMPER C80 AND REMOVE JUMPER ON C81 IF C35 CAN NOT ACHEIVE RANGE.

I.F. PEAKING: SET LIMITER (R7), VOLUME (R1) FULL CW. SET BLANKER (R3), SQUELCH (R23) FULL CCW,
DEPRESS S... ADJUST T3, T4, T5 FOR MAXIMUM NOISE.

FILTER BANDPASS: CONNECT SCOPE PROBE TO TP4 AND SCOPE. SET SCOPE TO 500mV./2mS.
CONNECT SIG.GEN. TO DUT. SET GEN. TO 181Kc, -70 DBM.ADJUST CLARRIFIER (R5) FOR 1Kc.
ADJUST VOLUME FOR 2V P/P. USING CLARRIFIER (R5) LOWER THE FREQUENCY UNTIL IV P/P IS REACHED.
ADJUST BFO TRIMMER C35 FOR A FREQUENCY OF 300 CYCLES (USE FREQ.COUNTER).

13.5 VDC
8A. PEAK
.1A. IDLE

DAVE CURRY

Size	Document Number	REV
C	BOARD LEVEL:34 KENXCVR	29